



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Christoph Benning *et al.*
Serial No.: 09/709,020
Filed: 11/08/00
Entitled: Compositions And Methods For The Synthesis And Subsequent
Modification Of Uridine-5'-Diphosphosulfoquinovose (UDP-SQ)

Group No.: 1652
Examiner: Y. Pak

RECEIVED

AMENDMENT TRANSMITTAL

OCT 31 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: October 23, 2002 By: Traci E. Light

Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	22	—	20	2	×	18.00	\$36.00
Independent Claims	6	—	5	1	×	84.00	\$84.00

Two Month Extension of Time \$400.00

SUBTOTAL \$520.00

Small Entity 50% Filing Fee Reduction — \$260.00

TOTAL DUE \$260.00

1. A check in the amount of \$260.00 is attached.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.
3. Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136, as may be required, to file this response.

Dated: October 23, 2002

By: Peter G. Carroll
Registration No. 32,837

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
617/252-3353



PATENT
Attorney Docket No. MSU-04769

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In Re Application of: Christoph Benning *et al.*

Serial No.: 09/709,020

Art Unit: 1652

Filed: 11/08/00

Examiner: Y. Pak

Entitled: **Compositions and Methods For The Synthesis And Subsequent
Modification Of Uridine-5'-Diphosphosulfoquinovose (UDP-SQ)**

**RESPONSE TO OFFICE ACTION
MAILED MAY 23, 2002.**

RECEIVED

OCT 31 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

<p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.</p> <p>Dated: <u>October 23, 2002</u></p> <p>By: <u>Traci E. Light</u></p>

Dear Sir or Madam:

Applicants hereby respond to the above cited Office Action mailed May 23, 2002 (a petition for a two month extension is enclosed). A clean version of the rewritten or added claims with instructions for entry pursuant to 37 C.F.R. § 1.121(c)(1)(i) is included beginning on page two of this communication. A marked-up version of the rewritten claims pursuant to 37 C.F.R. § 1.121(c)(1)(ii) is attached as Appendix I. A clean version of the entire set of pending claims pursuant to 37 C.F.R. § 1.121(c)(3) as they should appear following entry of this amendment is attached as Appendix II.

10/30/2002 NMOHAMM1 00000070 09709020

02 FC:2202
03 FC:2201

18.00 OP
42.00 OP